



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/079,137
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Date Processed by STIC: 3/7/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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Or
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/079,137

DATE: 03/07/2002
TIME: 10:35:35

Input Set : A:\419c13.app
Output Set: N:\CRF3\03072002\J079137.raw

Does Not Comply
Corrected Diskette Needed

*see
pp 1,3*

4 <110> APPLICANT: Frudakis, Tony N.
 5 Reed, Steven G.
 6 Smith, John M.
 7 Misher, Lynda E.
 8 Dillon, Davin C.
 9 Retter, Marc W.
 10 Wang, Aijun
 11 Skeiky, Yasir A. W.
 12 Harlocker, Susan L.
 13 Day, Craig H.
 14 Li, Samuel X.
 15 Deng, Ta
 19 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 20 AND DIAGNOSIS OF BREAST CANCER
 23 <130> FILE REFERENCE: 210121.419C13
 25 <140> CURRENT APPLICATION NUMBER: US/10/079,137
 26 <141> CURRENT FILING DATE: 2002-02-20
 28 <160> NUMBER OF SEQ ID NOS: 428
 30 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 121
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Homo sapiens
 51 <400> SEQUENCE: 2
 52 Leu Glu Thr Gln Leu Gly Pro Asn Trp Asp Pro Asn Phe Ser Ser Gly
 53 5 10 15
 54 Gly Arg Thr Phe Asp Asp Phe His Arg Tyr Leu Leu Val Gly Ile Gln
 55 20 25 30
 56 Gly Ala Ala Gln Lys Pro Ile Asn Leu Ser Lys Ala Ile Glu Val Val
 57 35 40 45
 E--> 58 Gln Gly His Asp Glu Ser Pro 12, 1044, 1060, 1063, 1080, 1081 Glu
 E--> 59 50 55 60 ?) invalid characters
 60 Ala Tyr Arg Ile Tyr Thr Pro Phe Asp Leu Ala Ala Pro Glu Asn Ser
 E--> 61 65 70 75 80
 62 His Ala Leu Asn Leu Ala Phe Val Ala Gln Ala Ala Pro Asp Ser Lys
 E--> 63 85 90 95
 64 Arg Lys Leu Gln Lys Leu Glu Gly Phe Cys Trp Asn Glu Tyr Gln Ser
 E--> 65 100 105 110
 66 Ala Phe Arg Asp Ser Leu Lys Gly Phe

RAW SEQUENCE LISTING
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Input Set : A:\419c13.app
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E--> 67

115

120

10/079,737

3

<210> 322

<211> 42

<212> DNA

<213> Artificial *misspelled* Sequence

fwd

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/079,137

DATE: 03/07/2002
TIME: 10:35:38

Input Set : A:\419c13.app
Output Set: N:\CRF3\03072002\J079137.raw

L:25 M:270 C: Current Application Number differs, Wrong Format
L:58 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:59 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
L:67 M:252 E: No. of Seq. differs, <211> LENGTH:Input:121 Found:112 SEQ:2
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:660
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:720
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:780
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:840
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:900
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:960
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:1020
L:122 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:4
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:540
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:660
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:720
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:780
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:840
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:900
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:960
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1020
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:1080
L:162 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:5
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:420
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:540
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840
L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:900
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:960
L:201 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:208 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:215 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:222 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:229 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:235 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:180
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:300
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:360
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:480

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Input Set : A:\419c13.app
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L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:600
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:780
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:840
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:900
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:480
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:660
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:720
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:780
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:840
L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:900
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:960
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1020
L:306 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:8
L:345 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:9
L:2110 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2114 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:132
L:2170 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:2174 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:136
L:4631 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:275
L:4635 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:275
L:4780 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:283
L:5922 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:322